Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	231	(content same deliver$3).ti.	US-PGPUB; USPAT	OR	ON	2004/01/29 13:27
S2	66	((content same deliver$3).ti.) and (disk near3 drive)	US-PGPUB; USPAT	OR	ON	2003/08/07 10:46
S3	5	((content same deliver$3).ti.) and (boot)	US-PGPUB; USPAT	OR	ON	2003/08/07 10:47
S4	0	((content same deliver$3).ti.) and (server$contact)	US-PGPUB; USPAT	OR	ON	2003/08/07 10:48
S5	80	((content same deliver$3).ti.) and "709"/$.ccls.	US-PGPUB; USPAT	OR	ON	2003/08/07 10:58
S6	18	((content same deliver$3).ti.) and "707"/$.ccls.	US-PGPUB; USPAT	OR	ON	2003/08/07 10:59
S7	50	((content same deliver$3).ti.) and self	US-PGPUB; USPAT	OR	ON	2003/08/07 11:00
S8	0	(content near3 deliver$3) and (server$contact) and (boot)	US-PGPUB; USPAT	OR	ON	2003/08/07 11:01
S9	0	(content near3 deliver$3) and (server$contact)	US-PGPUB; USPAT	OR	ON	2003/08/07 11:01
S10	376	(content near3 deliver$3) and boot	US-PGPUB; USPAT	OR	ON	2003/08/07 11:01
S11	165	((content near3 deliver$3) and boot) and (disk near3 (drive or controller))	US-PGPUB; USPAT	OR	ON	2003/08/07 11:02
S12	54	(((content near3 deliver$3) and boot) and (disk near3 (drive or controller))) and firmware	US-PGPUB; USPAT	OR	ON	2003/08/07 13:51
S13	1	("6473855").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/08/07 17:14
S14	1	"6202190".PN.	USPAT	OR	OFF	2003/08/07 13:54
S15	1	"6138234".PN.	USPAT	OR	OFF	2003/08/07 13:54
S16	1	"5920896".PN.	USPAT	OR	OFF	2003/08/07 13:55
S17	1	"5907679".PN.	USPAT	OR	OFF	2003/08/07 13:56
S18	1	"5901310".PN.	USPAT	OR	OFF	2003/08/07 13:56
S19	1	"5887164".PN.	USPAT	OR	OFF	2003/08/07 13:56
S20	1	"5864698".PN.	USPAT	OR	OFF	2003/08/07 13:58
S21	1	"5864698".PN.	USPAT	OR	OFF	2003/08/07 13:58
S22	1	"5854905".PN.	USPAT	OR	OFF	2003/08/07 13:58
S23	1	"5842011".PN.	USPAT	OR	OFF	2003/08/07 13:59
S24	1	"5828888".PN.	USPAT	OR	OFF	2003/08/07 14:01
S25	1	"5819063".PN.	USPAT	OR	OFF	2003/08/07 14:04
S26	1	"5815706".PN.	USPAT	OR	OFF	2003/08/07 14:04

S27	1	"5805882".PN.	USPAT	OR	OFF	2003/08/07 14:05
S28	1	"5805880".PN.	USPAT	OR	OFF	2003/08/07 14:05
S29	1	"5790849".PN.	USPAT	OR	OFF	2003/08/07 14:05
S30	0	"5796984".PN.	USPAT	OR	OFF	2003/08/07 14:06
S31	1	"5796984".PN.	USPAT	OR	OFF	2003/08/07 14:06
S32	1	("6591326").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/08/07 17:20
S33	1709	(state same (information or component or apparatus)).ti.	US-PGPUB; USPAT	OR	ON	2003/08/07 17:21
S34	0	((state same (information or component or apparatus)).ti.) and (busy adj2 rate)	US-PGPUB; USPAT	OR	ON	2003/08/07 17:22
S35	57	((state same (information or component or apparatus)).ti.) and (busy)	US-PGPUB; USPAT	OR	ON	2003/08/07 17:23
S36	183	((state same (information or component or apparatus)).ti.) and (channel) and (display$3)	US-PGPUB; USPAT	OR	ON	2003/08/07 17:23
S37	174	(((state same (information or component or apparatus)).ti.) and (channel) and (display$3)) and control$3	US-PGPUB; USPAT	OR	ON	2003/08/07 17:23
S38	10	((((state same (information or component or apparatus)).ti.) and (channel) and (display$3)) and control$3) and "709"/$.ccls.	US-PGPUB; USPAT	OR	ON	2003/08/07 17:31
S39	2	((((state same (information or component or apparatus)).ti.) and (channel) and (display$3)) and control$3) and "712"/$.ccls.	US-PGPUB; USPAT	OR	ON	2003/08/07 17:34
S40	8	((((state same (information or component or apparatus)).ti.) and (channel) and (display$3)) and control$3) and "713"/$.ccls.	US-PGPUB; USPAT	OR	ON	2003/08/08 09:09
S41	2	(channel near5 (busy adj2 rate))	US-PGPUB; USPAT	OR	ON	2003/08/08 09:13
S42	73	((busy adj2 rate))	US-PGPUB; USPAT	OR	ON	2003/08/08 09:57
S43	244	(disk adj3 drive) and (server near3 contact$3) and (network adj3 address)	US-PGPUB; USPAT	OR	ON	2003/12/30 16:14
S44	64	(disk adj3 drive) and (server near3 contact$3) and (network adj3 address) and (boot$3)	US-PGPUB; USPAT	OR	ON	2003/12/30 16:51

S45	1	("6487601").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/12/30 18:16
S46	1	"6356965".PN.	USPAT	OR	OFF	2003/12/30 16:51
S47	1	"6292890".PN.	USPAT	OR	OFF	2003/12/30 16:57
S48	1	"6052779".PN.	USPAT	OR	OFF	2003/12/30 17:00
S49	1	"5974547".PN.	USPAT	OR	OFF	2003/12/30 17:00
S50	1	"5729542".PN.	USPAT	OR	OFF	2003/12/30 17:11
S51	1	"5436905".PN.	USPAT	OR	OFF	2003/12/30 17:16
S52	1	"5577210".PN.	USPAT	OR	OFF	2003/12/30 17:17
S53	1	("6564380").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/12/31 09:46
S54	1	("5,850,218").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/12/31 11:12
S55	1	("6163859").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/12/31 11:13
S56	1	("6081883").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/12/31 13:35
S57	1	("20030051010").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/12/31 13:39
S58	1	("6111856").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/12/31 13:39
S59	2	(("6356965") or ("5974547")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/30 15:17
S60	1	("6487601").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/29 15:08
S61	1	("6473855").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/29 15:08
S62	2	(("5434910") or ("6477704")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/30 17:24
S63	1	("re37131").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/30 19:23
S64	0	("(loadadj3balanc$3)and(distribut$3)andlobsterandadapter").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/30 19:24

S65	1	(load adj3 balanc$3) and (distribut$3) and lobster and adapter	US-PGPUB; USPAT	OR	ON	2004/01/30 19:25
S66	20	(distribut$3) and lobster and adapter	US-PGPUB; USPAT	OR	ON	2004/01/30 19:24
S67	47	(load adj3 balanc$3) and (distribut$3) and (software near3 portion) and adapter	US-PGPUB; USPAT	OR	ON	2004/01/30 19:29
S68	36	(load adj3 balanc$3) and (parallel$5) and (software near3 portion) and adapter	US-PGPUB; USPAT	OR	ON	2004/01/30 19:30
S69	340	(load adj3 balanc$3) and (parallel$5 near4 application)	US-PGPUB; USPAT	OR	ON	2004/01/30 19:30
S70	8	(load adj3 balanc$3) and (parallel$5 near4 application) and (software near4 portion)	US-PGPUB; USPAT	OR	ON	2004/01/30 19:39
S71	0	("(softwarenear3adapter)and(load adj3balanc$3)").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/30 19:40
S72	84	(software near3 adapter) and (load adj3 balanc$3)	US-PGPUB; USPAT	OR	ON	2004/01/30 19:40
S73	71	(software near3 adapter) and (load adj3 balanc$3) and portion	US-PGPUB; USPAT	OR	ON	2004/01/30 19:40
S74	8	(software near3 adapter) and (load adj3 balanc$3) and (software near4 portion)	US-PGPUB; USPAT	OR	ON	2004/01/30 19:43
S75	5	(software near3 adapter) and (load adj3 balanc$3) and (application near4 portion)	US-PGPUB; USPAT	OR	ON	2004/01/30 19:50
S76	4	(("5949776") or ("6608818") or ("5987011") or ("5875186")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/30 19:51

PORTAL
US Patent & Trademark Office

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: The ACM Digital Library The Guide

"disk drive" "content delivery" server-contact"

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used **disk drive content delivery server contact** Found **23** of **148,786**

Sort results by relevance

Display results expanded form

Save results to a Binder

Search Tips

Open results in a new window

Try an Advanced Search

Try this search in The ACM Guide

Results 1 - 20 of 23 Result page: **1** 2 next

Relevance scale

1 Replication for web hosting systems

Swaminathan Sivasubramanian, Michal Szymaniak, Guillaume Pierre, Maarten van Steen

September 2004 **ACM Computing Surveys (CSUR)**, Volume 36 Issue 3

Full text available: pdf(374.99 KB) Additional Information: full citation, abstract, references, index terms

Replication is a well-known technique to improve the accessibility of Web sites. It generally offers reduced client latencies and increases a site's availability. However, applying replication techniques is not trivial, and various Content Delivery Networks (CDNs) have been created to facilitate replication for digital content providers. The success of these CDNs has triggered further research efforts into developing advanced Web replica hosting systems. These are systems that ...

Keywords: Web replication, content delivery networks

2 Streaming Media

Frank LaMonica

January 2001 **Linux Journal**

Full text available: html(24.84 KB) Additional Information: full citation, abstract, references, index terms

LaMonica describes the hardware and software technology used on the server side of the streaming process.

3 Applications and architecture: DEW: DNS-enhanced web for faster content delivery

Balachander Krishnamurthy, Richard Liston, Michael Rabinovich

May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available: pdf(331.13 KB) Additional Information: full citation, abstract, references, index terms

With a key component of latency on the Web being connection set up between clients and Web servers, several ways to avoid connections have been explored. While the work in recent years on Content Distribution Networks (CDNs) have moved some content 'closer' to users at the cost of increasing DNS traffic, they have not fully exploited the available unused potential of existing protocols. We explore ways by which a variety of Web responses can be piggybacked on DNS messages. While we evaluated our ...

4 Traffic characterization: An analysis of live streaming workloads on the internet

Kunwadee Sripanidkulchai, Bruce Maggs, Hui Zhang

October 2004 **Proceedings of the 4th ACM SIGCOMM conference on Internet measurement**

Full text available: pdf(3.51 MB) Additional Information: full citation, abstract, references, index terms

In this paper, we study the live streaming workload from a large content delivery network. Our data, collected over a 3 month period, contains over 70 million requests for 5,000 distinct URLs from clients in over 200 countries. To our knowledge, this is the most extensive data of live streaming on the Internet that has been studied to date. Our contributions are two-fold. First, we present a macroscopic analysis of the workload, characterizing popularity, arrival process, session duration, an ...

Keywords: content delivery networks, live streaming

5 Applications, services, and architecture: Smart edge server: beyond a wireless access point

G. Manjunath, T. Simunic, V. Krishnan, J. Tourrilhes, D. Das, V. Srinivasmurthy, A. McReynolds

October 2004 **Proceedings of the 2nd ACM international workshop on Wireless mobile applications and services on WLAN hotspots**

Full text available: pdf(410.68 KB) Additional Information: full citation, abstract, references, index terms

Wireless access at cafes, airports, homes and businesses have proliferated all over the globe with several different Wireless Internet Service Providers. Similarly, digital media has created a paradigm shift in media processing resulting in a complete change in media usage models, revamped existing businesses and has introduced new industry players. We believe there is a tremendous opportunity for application and system services at the intersection of the above two domains for exploiting the ...

Keywords: access point, low-power, management, media, security, wireless

6 Dynamic parallel access to replicated content in the internet

Pablo Rodriguez, Ernst W. Biersack

August 2002 **IEEE/ACM Transactions on Networking (TON)**, Volume 10 Issue 4

Full text available: pdf(350.99 KB) Additional Information: full citation, abstract, references, citings, index terms

Popular content is frequently replicated in multiple servers or caches in the Internet to offload origin servers and improve end-user experience. However, choosing the best server is a nontrivial task and a bad choice may provide poor end user experience. In contrast to retrieving a file from a single server, we propose a parallel-access scheme where end users access multiple servers at the same time, fetching different portions of that file from different servers and reassembling them locally. ...

Keywords: HTTP, content distribution, internet, mirroring, parallel access, peer-to-peer, replication, web

7 Frangipani: a scalable distributed file system

Chandramohan A. Thekkath, Timothy Mann, Edward K. Lee

October 1997 **ACM SIGOPS Operating Systems Review , Proceedings of the sixteenth ACM symposium on Operating systems principles**, Volume 31 Issue 5

Full text available: pdf(2.20 MB) Additional Information: full citation, references, citings, index terms

8 High performance data broadcasting systems

Peter Triantafillou, R. Harpantidou, M. Paterakis
August 2002 **Mobile Networks and Applications**, Volume 7 Issue 4

Full text available: pdf(382.65 KB) Additional Information: full citation, abstract, references, index terms

Data broadcasting as a means of efficient data dissemination is a key technology facilitating ubiquitous computing. For this reason, broadcast scheduling algorithms have received a lot of attention. However, all existing algorithms make the core assumption that the data items to be broadcast are immediately available in the transmitter's queue, ignoring the key role that the disk subsystem and the cache management play in the overall broadcast system performance. With this paper we contribute a ...

Keywords: broadcast scheduling, cache management, data dissemination, disk scheduling, system performance

9 Putting it together: Building big, reliable web sites, (part 1)
Win Treese
March 2002 **netWorker**, Volume 6 Issue 1

Full text available: pdf(112.23 KB) html(25.06 KB) Additional Information: full citation, abstract, index terms

In the early days of the Web, most users were not terribly concerned with performance or reliability. Sometimes Web sites were slow, sometimes they did not respond, but that was to be expected. Besides, many users had slow connections to the network, so they hardly noticed if the server was slow. A popular server might be overloaded for a while, but then it would recover.

10 The travails of visually impaired web travellers
Carole Goble, Simon Harper, Robert Stevens
May 2000 **Proceedings of the eleventh ACM on Hypertext and hypermedia**

Full text available: pdf(229.51 KB) Additional Information: full citation, references, citings, index terms

Keywords: hypertext, mobility, navigation, travel, usability, visual impairment, web

11 Low power SOCs and NOCs: Disk drive energy optimization for audio-video applications
Ravishankar Rao, Sarma Vrudhula, Musaravakkam S. Krishnan
September 2004 **Proceedings of the 2004 international conference on Compilers, architecture, and synthesis for embedded systems**

Full text available: pdf(653.34 KB) Additional Information: full citation, abstract, references, index terms

Earlier techniques for low power speed control in disk drives running audio/video applications attempted to either match the drive's speed to the data rate requirement of the host application (just-in-time speed), or run it at the maximum drive speed, neither of which are energy-optimal in general. Starting from the theory of DC motors, we obtain a high-level power model of a disk drive. We then analytically obtain the speed profile (function of time) that minimizes the energy required to transf ...

Keywords: disk drive, low power, multimedia, speed control

12 Network behavior: An analysis of Internet content delivery systems
Stefan Saroiu, Krishna P. Gummadi, Richard J. Dunn, Steven D. Gribble, Henry M. Levy

December 2002 **ACM SIGOPS Operating Systems Review**, Volume 36 Issue SI

Full text available: pdf(2.07 MB) Additional Information: full citation, abstract, references

In the span of only a few years, the Internet has experienced an astronomical increase in the use of specialized content delivery systems, such as content delivery networks and peer-to-peer file sharing systems. Therefore, an understanding of content delivery on the Internet now requires a detailed understanding of how these systems are used in practice.This paper examines content delivery from the point of view of four content delivery systems: HTTP web traffic, the Akamai content delivery netw ...

13 Web and e-business application: User adaptive content delivery mechanism on the world wide web

Tadashi Nakano, Kaname Harumoto, Shinji Shimojo, Shojiro Nishio

March 2002 **Proceedings of the 2002 ACM symposium on Applied computing**

Full text available: pdf(1.00 MB) Additional Information: full citation, abstract, references, index terms

To reduce the user-perceived latency in web content delivery, many techniques have been proposed. One is a transmission time control mechanism that automatically adjusts the quality of inline objects, such as images on a web page, according to the client network bandwidth. Another is a transmission order control mechanism that can transmit inline objects in a specified order preferred by users. In this paper, we describe the development of a user adaptive content delivery mechanism that integrat ...

Keywords: HTTP extension, WWW, content adaptation, content delivery, quality of service, transmission order control, transmission time control, user profile

14 On-line extraction of SCSI disk drive parameters

Bruce L. Worthington, Gregory R. Ganger, Yale N. Patt, John Wilkes

May 1995 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1995 ACM SIGMETRICS joint international conference on Measurement and modeling of computer systems**, Volume 23 Issue 1

Full text available: pdf(1.21 MB) Additional Information: full citation, abstract, references, citings, index terms

Sophisticated disk scheduling algorithms require accurate, detailed disk drive specifications, including data about mechanical delays, on-board caching and prefetching algorithms, command and protocol overheads, and logical-to-physical block mappings. Comprehensive disk models used in storage subsystem design require similar levels of detail. We describe a suite of general-purpose algorithms and techniques for acquiring the necessary information from a SCSI disk drive. Using only the ANSI-standa ...

15 An analytic behavior model for disk drives with readahead caches and request reordering

Elizabeth Shriver, Arif Merchant, John Wilkes

June 1998 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1998 ACM SIGMETRICS joint international conference on Measurement and modeling of computer systems**, Volume 26 Issue 1

Full text available: pdf(1.44 MB) Additional Information: full citation, abstract, references, citings, index terms

Modern disk drives read-ahead data and reorder incoming requests in a workload-dependent fashion. This improves their performance, but makes simple analytical models of them inadequate for performance prediction, capacity planning, workload balancing, and so on. To address this problem we have developed a new analytic model for disk drives that do readahead and request reordering. We did so by developing performance models of the disk drive components (queues, caches, and the disk mechanism) and ...

16 Informed content delivery across adaptive overlay networks
John W. Byers, Jeffrey Considine, Michael Mitzenmacher, Stanislav Rost
October 2004 **IEEE/ACM Transactions on Networking (TON)**, Volume 12 Issue 5

Full text available: pdf(645.82 KB) Additional Information: full citation, abstract, references, index terms

Overlay networks have emerged as a powerful and highly flexible method for delivering content. We study how to optimize throughput of large transfers across richly connected, adaptive overlay networks, focusing on the potential of collaborative transfers between peers to supplement ongoing downloads. First, we make the case for an erasure-resilient encoding of the content. Using the digital fountain encoding approach, end hosts can efficiently reconstruct the original content of size <i>n ...

Keywords: bloom filter, content delivery, digital fountain, erasure code, min-wise sketch, overlay, peer-to-peer, reconciliation

17 Workload analysis: Characterization of a large web site population with implications for content delivery
L. Bent, M. Rabinovich, G. M. Voelker, Z. Xiao
May 2004 **Proceedings of the 13th international conference on World Wide Web**

Full text available: pdf(727.47 KB) Additional Information: full citation, abstract, references, index terms

This paper presents a systematic study of the properties of a large number of Web sites hosted by a major ISP. To our knowledge, ours is the first comprehensive study of a large server farm that contains thousands of commercial Web sites. We also perform a simulation analysis to estimate potential performance benefits of content delivery networks (CDNs) for these Web sites. We make several interesting observations about the current usage of Web technologies and Web site performance characteristi ...

Keywords: content distribution, cookie, http, measurement, performance, web caching, workload characterization

18 Scheduling algorithms for modern disk drives
Bruce L. Worthington, Gregory R. Ganger, Yale N. Patt
May 1994 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1994 ACM SIGMETRICS conference on Measurement and modeling of computer systems**, Volume 22 Issue 1

Full text available: pdf(1.01 MB) Additional Information: full citation, abstract, references, citings, index terms

Disk subsystem performance can be dramatically improved by dynamically ordering, or scheduling, pending requests. Via strongly validated simulation, we examine the impact of complex logical-to-physical mappings and large prefetching caches on scheduling effectiveness. Using both synthetic workloads and traces captured from six different user environments, we arrive at three main conclusions: (1) Incorporating complex mapping information into the scheduler provides only a ma ...

19 Informed content delivery across adaptive overlay networks
John Byers, Jeffrey Considine, Michael Mitzenmacher, Stanislav Rost
August 2002 **ACM SIGCOMM Computer Communication Review , Proceedings of the 2002 conference on Applications, technologies, architectures, and protocols for computer communications**, Volume 32 Issue 4

Full text available: pdf(245.12 KB) Additional Information: full citation, abstract, references, citings, index terms

Overlay networks have emerged as a powerful and highly flexible method for delivering content. We study how to optimize throughput of large transfers across richly connected, adaptive overlay networks, focusing on the potential of collaborative transfers between peers to supplement ongoing downloads. First, we make the case for an erasure-resilient encoding of the content. Using the digital fountain encoding approach, end-hosts can efficiently reconstruct the original content of size n from a ...

Keywords: Bloom filter, collaboration, content delivery, digital fountain, erasure correcting code, min-wise summary, overlay, peer-to-peer, reconciliation

20 Analysis of methods for scheduling low priority disk drive tasks



Eitan Bachmat, Jiri Schindler

June 2002 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 2002 ACM SIGMETRICS international conference on Measurement and modeling of computer systems**, Volume 30 Issue 1

Full text available: pdf(161.76 KB) Additional Information: full citation, abstract, references

This paper analyzes various algorithms for scheduling low priority disk drive tasks. The derived closed form solution is applicable to class of greedy algorithms that include a variety of background disk scanning applications. By paying close attention to many characteristics of modern disk drives, the analytical solutions achieve very high accuracy---the difference between the predicted response times and the measurements on two different disks is only 3% for all but one examined workload. This ...

Results 1 - 20 of 23 Result page: **1** 2 next

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.
Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player

PORTAL
US Patent & Trademark Office

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: The ACM Digital Library The Guide

"disk drive" "content delivery" server-contact"

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used **disk drive content delivery server contact** Found **23** of **148,786**

Sort results by: relevance

Display results: expanded form

Save results to a Binder

Search Tips

Open results in a new window

Try an Advanced Search

Try this search in The ACM Guide

Results 21 - 23 of 23 Result page: previous 1 **2**

Relevance scale

21 Automated disk drive characterization (poster session)

Jiri Schindler, Gregory R. Ganger

June 2000 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 2000 ACM SIGMETRICS international conference on Measurement and modeling of computer systems**, Volume 28 Issue 1

Full text available: pdf(175.33 KB) Additional Information: full citation, abstract, references, index terms

DIXtrac is a program that automatically characterizes the performance of modern disk drives. This extended abstract overviews the contents of [3], which describes and validates DIXtrac's algorithms for extracting accurate values for over 100 performance-critical parameters in 2-6 minutes without human intervention or special hardware support. The extracted data includes detailed layout and geometry information, mechanical timings, cache management policies, and command processing overheads. ...

22 Posters: Keyword-based fragement detection for dynamic web content delivery

Daniel Brodie, Amrish Gupta, Weisong Shi

May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**

Full text available: pdf(48.04 KB) Additional Information: full citation, abstract, references, index terms

Fragment-based caching has been proposed as a promising technique for dynamic Web content delivery and caching. Most of these approaches either assume the fragment-based content is served by Web server automatically, or look at server-side caching only. There is no method of extracting fragments from an existing dynamic Web content, which is of great importance to thesuccess of fragment-based caching. Also, current technologies for supporting dynamic fragments do not allow to take into account c ...

Keywords: dynamic web content delivery, fragment detection

23 Posters: Replication algorithms to retrieve scalable streaming media over Content Delivery Networks

Zhou Su, Jiro Katto, Yasuhiko Yasuda

November 2003 **Proceedings of the 5th ACM SIGMM international workshop on Multimedia information retrieval**

Full text available: pdf(397.66 KB) Additional Information: full citation, abstract, references, index terms

CDN (Content Delivery Networks) improves end-user performance by replicating web contents on a group of geographically distributed content servers. Replication Algorithm

plays an important role in helping users to retrieve Web objects from the content servers. If a user can directly get the requested objects from the content server, he need not to contact the remote origin server and the user delay can be reduced. However, current replica strategies in CDN are to simply and repeatedly keep the c ...

Keywords: Content Distribution Networks, network traffic, replication algorithm, scalable, streaming, web performance

Results 21 - 23 of 23 Result page: previous 1 **2**

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.
Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore RELEASE 1.8

Welcome
United States Patent and Trademark Office

IEEE Xplore
1 Million Documents
1 Million Users

» Search Results

Help FAQ Terms IEEE Peer Review Quick Links

Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **18** of **1121826** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or entering a new one in the text box.

(disk <near/3> drive) <and> (content) Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 **Peabody: the time travelling disk**
Morrey, C.B., III; Grunwald, D.;
Mass Storage Systems and Technologies, 2003. (MSST 2003). Proceedings. 20th IEEE/11th NASA Goddard Conference on , 7-10 April 2003
Pages:241 - 253

[Abstract] [PDF Full-Text (312 KB)] **IEEE CNF**

2 **Defragmenting really speeds up Windows NT machines**
Robb, D.;
Spectrum, IEEE , Volume: 37 , Issue: 9 , Sept. 2000
Pages:74 - 77

[Abstract] [PDF Full-Text (160 KB)] **IEEE JNL**

3 **Identity control for spindle motors in hard-disk drives**
Low, T.S.; Soh, C.S.; Bi, C.; Chang, K.T.;
Magnetics, IEEE Transactions on , Volume: 31 , Issue: 6 , Nov. 1995
Pages:3117 - 3119

[Abstract] [PDF Full-Text (212 KB)] **IEEE JNL**

4 **1997 IEEE International Solids-State Circuits Conference. Digest of Technical Papers**

Solid-State Circuits Conference, 1997. Digest of Technical Papers. 44th ISSCC., 1997 IEEE International , 6-8 Feb. 1997
[Abstract] [PDF Full-Text (2680 KB)] **IEEE CNF**

5 **Scene-based watermarking method for copy protection using image**

complexity and motion vector amplitude
Yeong Kyeong Seong; Yoon-Hee Choi; Tae-Sun Choi;
Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP '04). IEEE International Conference on , Volume: 3 , 17-21 May 2004
Pages:iii - 409-12 vol.3

[Abstract] [PDF Full-Text (502 KB)] **IEEE CNF**

6 **Management issues in storage area networks: detection and isolation of performance problems**
Kochut, A.; Bobroff, N.; Beaty, K.; Kar, G.;
Network Operations and Management Symposium, 2004. NOMS 2004. IEEE/IFIP , Volume: 1 , 19-23 April 2004
Pages:453 - 466 Vol.1

[Abstract] [PDF Full-Text (586 KB)] **IEEE CNF**

7 **Bonding and tribological properties of perfluorinated lubricants and hydrogenated amorphous carbon films**
Perry, S.S.; Mate, C.M.; White, R.L.; Somorjai, G.A.;
Magnetics, IEEE Transactions on , Volume: 32 , Issue: 1 , Jan. 1996
Pages:115 - 121

[Abstract] [PDF Full-Text (596 KB)] **IEEE JNL**

8 **Non-repeatable flutter of magnetic recording disks**
Bouchard, G.; Talke, F.;
Magnetics, IEEE Transactions on , Volume: 22 , Issue: 5 , Sep 1986
Pages:1019 - 1021

[Abstract] [PDF Full-Text (624 KB)] **IEEE JNL**

9 **Analytic solution for magnetic orientation between grains**
Paul, D.I.; Robson, C.M.; Bertram, H.N.;
Magnetics, IEEE Transactions on , Volume: 37 , Issue: 4 , July 2001
Pages:1478 - 1480

[Abstract] [PDF Full-Text (79 KB)] **IEEE JNL**

10 **A mixed-signal RAM decision-feedback equalizer for disk drives**
Rothenberg, B.C.; Brown, J.E.C.; Hurst, P.J.; Lewis, S.H.;
Solid-State Circuits, IEEE Journal of , Volume: 32 , Issue: 5 , May 1997
Pages:713 - 721

[Abstract] [PDF Full-Text (216 KB)] **IEEE JNL**

11 **A mixed-signal RAM decision-feedback equalizer for disk drives**
Rothenberg, B.C.; Brown, J.E.C.; Hurst, P.J.; Lewis, S.H.;
VLSI Circuits, 1996. Digest of Technical Papers., 1996 Symposium on , 13-15 June 1996
Pages:180 - 181

[Abstract] [PDF Full-Text (224 KB)] **IEEE CNF**

12 **A 200M sample/s 6b flash ADC in 0.6 μm CMOS**
Spalding, J.; Dalton, D.;
Solid-State Circuits Conference, 1996. Digest of Technical Papers. 43rd ISSCC., 1996 IEEE International , 8-10 Feb. 1996
Pages:320 - 321, 466

[Abstract] [PDF Full-Text (900 KB)] **IEEE CNF**

13 **Tabbycat: an inexpensive scalable server for video-on-demand**
Thirumalai, K.; Paris, J.-F.; Long, D.D.E.;
Communications, 2003. ICC '03. IEEE International Conference on , Volume: 2 , 11-15 May 2003
Pages:896 - 900 vol.2

[Abstract] [PDF Full-Text (299 KB)] **IEEE CNF**

14 **Servo control of a dual-stage actuator for a high performance disk drive. Part 1: modeling and simulation**
Young, P.M.; Morris, J.C.; Ho, H.T.;
American Control Conference, 2003. Proceedings of the 2003 , Volume: 3 , 4-6 June 2003
Pages:2523 - 2528 vol.3

[Abstract] [PDF Full-Text (677 KB)] **IEEE CNF**

15 **Servo control of a dual-stage actuator for a high performance disk drive. Part 2: controller design and implementation**
Young, P.M.; Morris, J.C.; Ho, H.T.;
American Control Conference, 2003. Proceedings of the 2003 , Volume: 3 , 4-6 June 2003
Pages:2529 - 2534 vol.3

[Abstract] [PDF Full-Text (700 KB)] **IEEE CNF**

1 2 Next

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore RELEASE 1.8

Welcome
United States Patent and Trademark Office

IEEE Xplore
1 Million Documents
1 Million Users

» Search Results

Help FAQ Terms IEEE Peer Review Quick Links

Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise

- Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **18** of **1121826** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or entering a new one in the text box.

(disk <near/3> drive) <and> (content) Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

16 **Frequency adaptive control technique of compact disk drives for rejecting periodic runout**
Jieng-Jang Liu; Yee-Pien Yang;
Decision and Control, 2002, Proceedings of the 41st IEEE Conference on , Volume: 2 , 10-13 Dec. 2002
Pages:1723 - 1724 vol.2

[Abstract] [PDF Full-Text (296 KB)] **IEEE CNF**

17 **High performance and reliable disk and basic file services for the distributed environment of RHODOS**
Panadiwal, R.; Goscinski, A.M.;
Distributed and Networked Environments, 1994. Proceedings., First International Workshop on Services in , 27-28 June 1994
Pages:75 - 82

[Abstract] [PDF Full-Text (764 KB)] **IEEE CNF**

18 **A high performance and reliable distributed file facility**
Panadiwal, R.; Goscinski, A.M.;
Distributed Computing Systems, 1994., Proceedings of the 14th International Conference on , 21-24 June 1994
Pages:116 - 123

[Abstract] [PDF Full-Text (816 KB)] **IEEE CNF**

Prev 1 2

Google

Web Images Groups[New!] News Froogle more »

"disk drive" "contact" "content delivery" "ser Search Advanced Search Preferences

Web Results 1 - 8 of about 10 for "disk drive" "contact" "content delivery" "server" "network address" "protect" "boot". (

Microsoft E-Commerce: Windows 2000 Contingency Planning for E ...
... Internet **Content Delivery** Using Network Load Balancing. ... Only one **server** can access a shared **disk drive** at any ... in the following diagram, the IP address that is ...
www.microsoft.com/technet/archive/ itsolutions/ecommerce/maintain/optimize/contplan.mspx - 101k - Cached - Similar pages

Abreviations
... Code Division Multiple Access CDN : **Content Delivery** Networks CDP ... Call FDD : Floppy **Disk Drive** / Frequency Division ... Core Protocol / National **Contact** Point NCRP ...
users.skynet.be/agpym/abreviations2.html - 101k - Cached - Similar pages

[PDF] ContentEngineNetworkModuleforCachingand **Content Delivery**
File Format: PDF/Adobe Acrobat - View as HTML
... requested object from the web **server**, stores a ... Verifies that the address configuration is correct ... Content Engine Network Module for Caching and **Content Delivery** ...
www.cisco.com/univercd/cc/td/doc/product/ software/ios122/122newft/122t/122t13/ft_1cenm.pdf - Similar pages

[PDF] RD #460600
File Format: PDF/Adobe Acrobat - View as HTML
... Process for manufacturing a **contact** barrier ... KB Price, and RC Reinhart Magnetic **disk drive** with load ... exchanging encrypted passwords between a client and **server** ...
www.research.ibm.com/journal/rd/455/patents.pdf - Similar pages

[PDF] Oracle® Application **Server** 10 g
File Format: PDF/Adobe Acrobat - View as HTML
Oracle® Application **Server** 10g Best Practices ... 1-3 1.2.2 Infrastructure Midtier or Identity Management **Server**..... ...
www.tju.cn/docs/oas90400/core.904/b12223.pdf - Similar pages

Freshpatents.com: Patent Applications Updated Each Week, RSS ...
... robot. The robot acts as a computer **server** for the purpose of accessing a knowledge base and processing natural language queries. ...
www.freshpatents.com/ - 29k - Jan 26, 2005 - Cached - Similar pages

[PDF] Courses Breakdown Technical MCSE
File Format: PDF/Adobe Acrobat - View as HTML
... Mailboxes • Configuring Folders and Address Books ... Architecture • Dynamic **Content Delivery** Architecture • FTP ... access with the Internet Information **Server**. ...
www.axtel.com/corpwebsite/downloads/TechnicalMCSE.pdf - Similar pages

[PDF] Cisco Building Broadband Service Manager
File Format: PDF/Adobe Acrobat - View as HTML
... floppy **disk drive** ... router is configured with **network address** translation/port address translation (NAT ... of Web sites be allowed through the BBSM **server** to allow ...
tecun.cimex.com.cu/tecun/software/Soporte_tecnico_Redes/ Cisco/Doc-Cisco/tecnologias/BBSM/BBSM_Overview.pdf - Supplemental Result - Similar pages

In order to show you the most relevant results, we have omitted some entries very similar to the 8 already displayed.